ABSTRACT OF THE DISCLOSURE

A double-row self-aligning roller bearing includes left and right rows of rollers 4 and 5, arranged between an inner race 2 and an outer race 3. A raceway surface 3a of the outer race 3 represents a spherical shape and the rollers 4 and 5 have an outer peripheral surface following the shape of the raceway surface 3a of the outer race 3. The rollers 4 and 5 of the left and right roller rows have respective lengths L1 and L2 different from each other. Also, the left and right roller rows have respective contact angles $\theta 1$ and $\theta 2$ different from each other.